

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	3629	1 or 2	US-PGPUB	OR	ON	2007/01/23 17:58
L9	0	8 and (variabl\$3 with densit\$5).clm.	US-PGPUB	OR	ON	2007/01/23 17:58
L11	20	8 and ((LED\$3 lamp\$3 light\$3) with (uneven\$3 variabl\$3)).clm.	US-PGPUB	OR	ON	2007/01/23 17:58
L1	1306	273/138.2,143R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:44
L2	6801	463/16-33.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:44
L3	7584	1 or 2	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:58
L4	0	3 and (variabl\$3 with densit\$5).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:58
L5	29	3 and ((LED\$3 lamp\$3 light\$3) with (uneven\$3 variabl\$3)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:58
L6	1	("6,206,781").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 17:47
L7	30	("20030107530" "20030109304" "319 5402" "4306716" "4621815" "4711452 " "5209477" "5284344" "5326104" "5 406300" "5464213" "5509655" "55800 55" "5584764" "5609524" "5670971"  "5752881" "5836818" "6027115" "605 6642" "6129355" "6206781" "6265984 " "6278419" "6315289" "6368216" "6 383073" "6512607" "6811273").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:47

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	29	3 and ((LED\$3 lamp\$3 light\$3) with (uneven\$3 variabl\$3)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:58
L4	0	3 and (variabl\$3 with densit\$5).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:58
L3	7584	1 or 2	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:58
L11	20	8 and ((LED\$3 lamp\$3 light\$3) with (uneven\$3 variabl\$3)).clm.	US-PGPUB	OR	ON	2007/01/23 17:58
L9	0	8 and (variabl\$3 with densit\$5).clm.	US-PGPUB	OR	ON	2007/01/23 17:58
L8	3629	1 or 2	US-PGPUB	OR	ON	2007/01/23 17:58
L7	30	("20030107530" "20030109304" "3195402" "4306716" "4621815" "4711452" "5209477" "5284344" "5326104" "5406300" "5464213" "5509655" "5580055" "5584764" "5609524" "5670971" "5752881" "5836818" "6027115" "6056642" "6129355" "6206781" "6265984" "6278419" "6315289" "6368216" "6383073" "6512607" "6811273").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:47
L6	1	("6,206,781").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 17:47
L2	6801	463/16-33.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:44
L1	1306	273/138.2,143R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:44
S16 6	11	(video with content with playback).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 17:43
S16 5	1	("6607443").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 13:43
S16 4	1	("5779546").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 13:43
S16 3	244	("463"/\$.ccls. "273"/\$.ccls. "473"/\$.ccls.) and (LED\$3 with (board panel)) and reel\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 13:42

## EAST Search History

S16 2	1055	("463"/\$.ccls. "273"/\$.ccls. "473"/\$.ccls.) and (LED\$3 with (board panel))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 09:29
S16 1	23	(LED\$3 with (board panel) with (uneven\$3 variabl\$3) with (spac\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 09:15
S16 0	1	("6206781").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 09:14
S15 9	249	((LED\$3 lamp\$3 light\$3) with (variabl\$3) with (densit\$5 spac\$3)) same (panel board)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 17:39
S15 8	4976	((LED\$3 lamp\$3 light\$3) with (variabl\$3) with (densit\$5 spac\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 17:09
S1	6622	(reel with (illumin\$5 or light\$5))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 17:09
S15 7	4	S155 not S156	US-PGPUB; USPAT; JPO	OR	ON	2006/10/12 19:11
S15 6	28	("20030107530" "20030109304" "3195402" "4306716" "4621815" "4711452" "5209477" "5284344" "5326104" "5406300" "5464213" "5580055" "5584764" "5609524" "5670971" "5752881" "5836818" "6027115" "6056642" "6129355" "6206781" "6265984" "6278419" "6315289" "6368216" "6383073" "6512607" "6811273").PN.	US-PGPUB; USPAT; JPO	OR	ON	2006/10/12 19:11
S15 5	16	(US-20030107530-\$).did. or (US-6811273-\$ or US-5752881-\$ or US-5209477-\$ or US-5284344-\$ or US-4621815-\$ or US-6206781-\$ or US-4711452-\$ or US-5580055-\$ or US-6129355-\$ or US-6315289-\$ or US-6027115-\$ or US-5509655-\$).did. or (JP-2001087458-\$ or JP-2001353255-\$ or JP-2001062032-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/10/12 19:11
S15 3	14	("273"/\$.ccls.) and ((light\$3 lamp\$3 LED\$3) with mount\$3 with (pcb circuit\$3 board\$3)) and reel\$3	USPAT	OR	ON	2006/10/12 16:39
S15 2	0	("273"/\$.ccls.) and (diode\$3 with mount\$3 with (pcb circuit\$3 board\$3)) and reel\$3	USPAT	OR	ON	2006/10/12 16:39

## EAST Search History

S15 4	19	("273"/\$.ccls.) and ((light\$3 lamp\$3 LED\$3) with mount\$3 with (pcb circuit\$3 board\$3)) and reel\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/12 16:39
S15 1	13	("5509655").URPN.	USPAT	OR	ON	2006/10/12 16:38
S15 0	8	S147 not S149	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:14
S14 9	25	S147 and acres.in.	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:14
S14 8	54	"33" and acres.in.	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:14
S14 7	33	S143 and reel	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:14
S14 3	230	(diodes mounted printed circuit board) and gam\$3	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:14
S14 6	13	S144 not S145	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:11
S14 5	29	S144 and acres.in.	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:11
S14 4	42	S142 and "463"/\$.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:11
S14 2	3702	(diodes mounted printed circuit board)	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:10
S14 1	6	S139 not S140	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 16:05
S14 0	25	S139 and acres.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 16:03
S13 9	31	("463"/\$.ccls. or "273"/\$.ccls.) and (print\$5 with (circuit\$5 board\$3) with mount\$3 with (LED\$3 diode\$3 light\$3)) and reel	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 16:02
S13 8	63	273/142B.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 16:00

## EAST Search History

S13 7	85	("463"/\$.ccls. or "273"/\$.ccls.) and ((light\$3 lamp\$3 LED\$3 diode\$3) with print\$3 with circuit\$3 with mount\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 16:00
S13 6	22	("463"/\$.ccls. or "273"/\$.ccls.) and (((light\$3 lamp\$3 LED\$3 diode\$3) with circuit\$3 with mount\$5) same reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 15:45
S13 5	407	("463"/\$.ccls. or "273"/\$.ccls.) and ((light\$3 lamp\$3 LED\$3 diode\$3) with circuit\$3 with mount\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 15:17
S13 4	0	(moola).as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 15:00
S13 3	0	moola.as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 15:00
S13 2	0	("2005/0255907").URPN.	USPAT	OR	ON	2006/10/11 17:28
S13 1	2	("2004/0132522").URPN.	USPAT	OR	ON	2006/10/11 17:16
S13 0	50	(reel with (lamp\$3 led\$3 light\$3)).ab. and gam\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:14
S12 8	145	(reel with (lamp\$3 led\$3 light\$3)).ab. and (gam\$3 slot\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:14
S12 9	307	(reel with (lamp\$3 led\$3 light\$3)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:13
S12 6	55	(reel with (lamp\$3 led\$3 light\$3)).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:13
S12 7	3	S126 and gam\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:12
S12 5	138	(dens\$5 with (LED\$3 LAMP\$3 LIGHT\$3)) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:11
S12 4	12	(variabl\$5 with spac\$5 with (LED\$3 LAMP\$3 LIGHT\$3)) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:00
S12 2	197	S121 and ((lamp\$3 light\$3 highlight\$5 illuminat\$5) with (reel\$3 symbol\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:58
S12 3	264	S121 and ((lamp\$3 light\$3 highlight\$5 illuminat\$5) same (reel\$3 symbol\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:22

## EAST Search History

S12 1	935	273/143R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:21
S12 0	56	S118 not S119	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:21
S11 9	80	S118 and (highlight\$5 illuminat\$5 lamp\$3 LED\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:16
S11 8	136	("273"/\$.ccls. or "463"/\$.ccls.) and reel\$3 and dens\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:14
S11 7	20	("273"/\$.ccls. or "463"/\$.ccls.) and (variabl\$5 adj spac\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:14
S10 6	59	("273"/\$.ccls. and "463"/\$.ccls.) and (reel).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:13
S11 6	9	(reel same (lamp\$3 LED\$3)) and dens\$5	FPRS; EPO; JPO	OR	ON	2006/10/11 16:13
S11 5	52	((illumin\$5 light\$5 highlight\$3) with (reel\$3 or symbol\$3)) and dens\$4	FPRS; EPO; JPO	OR	ON	2006/10/11 16:12
S11 4	10	((illumin\$5 light\$5 highlight\$3) with (reel\$3 or symbol\$3)) and gam\$3 and dens\$4	FPRS; EPO; JPO	OR	ON	2006/10/11 16:11
S10 8	24607	((illumin\$5 light\$5 highlight\$3) with (reel\$3 or symbol\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:09
S11 3	2559	((illumin\$5 light\$5 highlight\$3) with (reel\$3 or symbol\$3))	FPRS; EPO; JPO	OR	ON	2006/10/11 16:09
S11 2	380	S110 and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:08
S11 1	968	S109 and (spaced)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:08
S11 0	952	S109 and (dens\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:08

## EAST Search History

S10 9	3886	S108 and gam\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:08
S10 7	59	("273"/\$.ccls. and "463"/\$.ccls.) and (reel).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:07
S10 5	4	S104 not S100	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 18:19
S10 3	10	S97 not S102	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:18
S10 2	9	S97 and S100	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:18
S10 1	10	S97 not S100	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:18
S10 4	15	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5284344-\$).did. or (JP-2001087458-\$ or JP-2001062032-\$ or JP-2001353255-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 18:18
S10 0	25	("20030107530" "20030109304" "3195402" "4306716" "4711452" "5326104" "5406300" "5464213" "5580055" "5584764" "5609524" "5670971" "5752881" "5836818" "6027115" "6056642" "6129355" "6206781" "6265984" "6278419" "6315289" "6368216" "6383073" "6512607").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:17
S96	20	("20020074725" "4198052" "5415404" "5489101" "5540441" "5580053" "5732950" "5807172" "5816916" "5823873" "6004208" "6220959" "6241607" "6270405" "6322445" "6354593" "6485366" "6595520" "6652377" "6676511").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:17

## EAST Search History

S99	0	(S96 and S97)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 18:16
S98	16	S97 not S96	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 18:16
S95	0	(gallium with diode with organic) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:07
S97	19	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5584764-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5423540-\$ or US-5284344-\$ or US-RE35226-\$ or US-4099722-\$).did. or (JP-2001087458-\$ or JP-2001062032-\$ or JP-2001353255-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 18:07
S94	0	(gallium with diode with organic) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 17:40
S93	0	S91 and (gallium organic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:39
S92	5	S91 and color\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:39
S91	17	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5584764-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5423540-\$ or US-5284344-\$ or US-RE35226-\$ or US-4099722-\$).did. or (JP-2001087458-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 17:39
S90	4	((multi adj color) with diode\$3) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:03
S89	1	(organic with diode with wavelength) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:03
S88	284	(organic with diode with wavelength)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:03

## EAST Search History

S87	1	("20040132522").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 16:58
S86	3	(("2001353255") or ("2001087458") or ("2001062032")).PN.	EPO; JPO	OR	OFF	2006/04/15 16:52
S84	0	("2001353255").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 15:27
S85	1	("2001353255").PN.	EPO; JPO	OR	OFF	2006/04/15 15:27
S83	1	"2001353255"	EPO; JPO	OR	ON	2006/04/15 15:27
S82	1	"2001353255"	EPO; JPO	OR	ON	2006/04/15 15:27
S80	11	2001-353255	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 15:26
S81	0	2001-353255	EPO; JPO	OR	ON	2006/04/15 15:26
S77	1	("2001087458").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 15:12
S79	0	("2001-062032").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 15:00
S78	0	("JP2001062032A").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 15:00
S76	0	("JP2001087458").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 14:56
S75	3	("1260928").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 14:56
S74	2	("1260928").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 14:56
S73	0	("US2003087690A1").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 14:55
S72	0	("2003087690").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 14:55
S71	0	(YAMAGUCHI with TAKU).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:52

## EAST Search History

S70	12678	(YAMAGUCHI TAKU).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:52
S69	6	((audiovisual) with system).ti. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:52
S68	0	((audio adj visual) with system).ti. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:44
S67	14	("5580055").PN. OR ("6027115").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:44
S66	73	S65 and ((reel).ti. or (reel).ab.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:32
S65	167	((multiple plurality) with (illuminat\$5 light\$3 highlight\$3) with reel) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:32
S64	493	((multiple plurality) with (illuminat\$5 light\$3 highlight\$3) with reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:31
S63	2	(pattern with diod\$3 with reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:31
S62	9	(kazuki with emori).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:30
S61	25	((multiple plurality) with diod\$3 with reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:29
S60	50	S59 and (light\$3 illuminat\$3 highlight\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:25
S59	88	(reel).ti. and ("273"/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:56
S58	2	S51 and ("273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:55
S57	0	S56 not S55	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:54
S56	13	("2035084"   "2545644"   "4249737"   "4262906"   "4534560"   "4621815"   "4711452"   "4765078"   "4773648"   "4874172"   "4912389").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:54

## EAST Search History

S51	157	(reel with structure).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:54
S54	0	("RE35226").URPN.	USPAT	OR	ON	2006/04/15 13:52
S53	1	("5284344").URPN.	USPAT	OR	ON	2006/04/15 13:52
S55	13	("2035084"   "2545644"   "4249737"   "4262906"   "4534560"   "4621815"   "4711452"   "4765078"   "4773648"   "4874172"   "4912389").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:52
S52	6	(reel with structure).ti. and (gam\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:51
S50	273	(reel with device with comprising).clm. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 12:54
S49	620	(reel with comprising).clm. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 12:54
S48	18	S45 S46	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:24
S47	1	("20030064799").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:18
S46	9	("4618150"   "4624459"   "5024439"   "5695188"   "5713572"   "5803451"   "5848932"   "5954422"   "6056642").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:16
S45	11	("4618150"   "4718672"   "4993713"   "5010995"   "5018737"   "5127651"   "5380008"   "5580055"   "5609524"   "5695188"   "5704835").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:16
S44	1	("6699122").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 20:41
S43	29	((selectiv\$5 with (illuminat\$5 light\$5 highlight\$5)) same reel) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 20:41
S42	5	S41 and color\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:30
S41	13	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5584764-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5423540-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/14 19:30

## EAST Search History

S40	14	("5580055").URPN.	USPAT	OR	ON	2006/04/14 19:29
S39	12	((dense density) with (light\$5 illuminat\$5) with (diode\$3 or LED\$1) and ("463"/\$.ccls. or "273".\$ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:29
S38	1	("5580055").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:28
S37	12	(reel\$).ti. and (diod\$5) and (273/138\$.ccls. or 273/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:25
S36	94	(reel\$).ti. and (273/138\$.ccls. or 273/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:24
S35	5	S33 S34	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:23
S34	5	(reel with assembly).ti. and (273/138\$.ccls. or 273/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:23
S33	1	(reel with assembly).ti. and (463/16-47.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:21
S32	25	(assembly).ti. and (463/16-47.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:21
S30	36	(visual\$3 effect\$3).ti. and (463/16-33.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:21
S31	0	(visual\$3 with effect\$3).ti. and (463/16-33.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:20
S29	6	S27 S28	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:20
S28	2	(light\$5 illuminat\$5).ti. and 273/143\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:19
S27	5	(light\$5 illuminat\$5).ti. and 273/138\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:19
S24	30	(light\$5 illuminat\$5).ti. and 463/16-33.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:19
S26	92	S25 not S24	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:51

## EAST Search History

S25	92	S16 not S17	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:50
S23	3	("1260928").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/14 18:48
S22	0	(2003/087690).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:48
S21	0	("2003087690").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:47
S20	0	((2002/175446) or (2002/077172)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:47
S19	0	(("2002175446") or ("2002077172")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:46
S18	0	(dens\$5 with (center middle) with (light\$3 illuminat\$3) with diod\$5) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:46
S17	90	S16 and (463/16-33.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:40
S16	182	((array matrix density) with light\$3 with diod\$5) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:39
S15	11	("3729193" "5362052" "5411258" "60 89981" "6117009" "6118860" "613588 4" "6135887" "6159095" "6233565" " 6641478").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:33
S14	15	S13 and (reel with (device assembly))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:02
S13	212	(light\$5 illuminat\$5 diod\$5).ti. and (463/16-34.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:58
S12	2384075	(light\$5 illuminat\$5 diod\$5)".ti." and (463/16-34.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:58
S11	31	(selectiv\$3 with (light\$5 illuminat\$5) with diod\$3) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:56
S10	2	(select\$5 with (light\$5 illuminat\$5) with diod\$3) and (gallium) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:54

## EAST Search History

S9	147	(select\$5 with (light\$5 illuminat\$5 with diod\$3) and ("463"/\$.ccls. or "273"/\$.ccls.))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:53
S8	1	("20040132522").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:52
S7	1	("6315289").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:41
S6	26	S4 S5	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:32
S5	1	("6612575").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:21
S4	25	("20030107530" "20030109304" "319 5402" "4306716" "4711452" "5326104  "5406300" "5464213" "5580055" "5 584764" "5609524" "5670971" "57528 81" "5836818" "6027115" "6056642" " 6129355" "6206781" "6265984" "627 8419" "6315289" "6368216" "6383073 " "6512607").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:21
S3	4	(reel with (illumin\$5 or light\$5)).ti. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:20
S2	821	(reel with (illumin\$5 or light\$5)) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:08